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JAN 30 1953

January 24, 1953

Sanibel, Florida

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

During the week goats were placed in 3 additional pens--1 on Pine Island (Pine), 1 opposite Pine Island on the mainland (Tower), and one 3 miles northeast of Punta Rasa (Iona). Numbers of egg masses from native screw-worm flies are noted in the following table for dates during which infested goats were present in the pens listed. To date all egg masses collected have been fertile. The initial release of sterile males was made January 20, 1953.

Pen	Date	Masses 17	18	19	20	Total masses before release	21	22	23	24
Knip		0	0	0	1	1	0	2	0	0
Bush		0	0	0	0	0	0	0	0	0
Eddy		4	4	1	1	19	7*	1	4	0
Iona		-	-	-	0	0	0	0	0	0
Tower		-	-	-	0	0	0	0	2	0
Pine		-	-	-	0	0	0	0	0	0

*All 7 masses were collected from a goat caught in the fence. This goat was infested during the previous week on the hip but was very alert to fighting off the screw-worm females and received no previous egg masses.

Fly traps are being operated in conjunction with each goat pen except the pen on Captiva. Collections from School and Junction traps during the week yielded no screw-worms.

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Bush		0	0	0	0	0	0	0	0	0
Eddy		4	4	1	1	19	7*	1	4	0
Iona		-	-	-	0	0	0	0	0	0
Tower		-	-	-	0	0	0	0	2	0
Pine		-	-	-	0	0	0	0	0	0

*All 7 masses were collected from a goat caught in the fence. This goat was infested during the previous week on the knip but was very alert to fighting off the screw-worm females and received no previous egg masses.

Fly traps are being operated in conjunction with each goat pen except the pen on Captiva. Collections from School and Junction traps during the week yielded no screw-worms.

Approximately 4,360 sterile males were released on Tuesday and 7,200 on Saturday of this week. The second release, scheduled for Friday, was delayed because of winds of 20 to 30 m.p.h. Conditions on Saturday were also far from ideal and the Pine Islands were covered by auto when high winds developed during the release.

The ranch near the Pine Island pen reported 20 cases of screw-worms in new-born calves during recent months. The ranch near Tower pen reported few cases during the winter months, but estimated that they had about 30 cases during the past summer. Both parties were very much interested in any plan that might alleviate losses from screw-worm infestations.

Alfred H. Baumhover

cc: E.F. Knipling
R.C. Bushland

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cc: L.F. Knipling
R.C. Bushland

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January 31, 1953

Sanibel, Fla.

To: G.W, Eddy

From: A.H. Baumhover

Subject: Weekly Report

Egg Mass Collections

Pen	Date	25	26	27	28	29	30
Knip		0	0	0	0	0	0
Bush		2	0	0	0	2S	2S*
Eddy		0	1	0	0	0	0
Iona		0	0	0	0	0	0
Tower		0	0	0	0	0	0
Pine		0	0	0	0	0	0

*99% sterile (non-radioactive)

Fly Collections

No screw-worms were collected in traps during the week.

An additional fly trap was established at Safety Harbor on the northern end of Upper Captiva.

Flies Released

Tuesday's release included 6,660 sterile males and Friday's release totaled 7,400 sterile males. Flight conditions during both releases were good.

cc: E.F. Knipling
R.C. Bushland

January 31, 1953

Bemidji, Pla.

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Pen Mass Collections

Pen	Date	25	26	27	28	29	30
Knip		0	0	0	0	0	0
Bush		8	0	0	0	25	25*
Eddy		0	1	0	0	0	0
Iona		0	0	0	0	0	0
Tower		0	0	0	0	0	0
Pine		0	0	0	0	0	0

*39% sterile (non-radioactive)

Fly Collections

No screw-worms were collected in traps during the week.

An additional fly trap was established at Safety Harbor on the northern end of Upper Captiva.

Flies Released

Tuesday's release included 6,680 sterile males and Friday's release totaled 7,400 sterile males. Flight conditions during both releases were good.

cc: E.F. Knipling

Sanibel Release Area 1953--Estimated area and flight miles:

100 sterile males per square mile per week

Area	Square miles	Flight miles
Sanibel	14	12
Buck Key	1	3
Captiva	2	5
Upper Captiva (Lower Lacosta)	2	4
Lacosta	4	7
Gasparilla	3	7
Gasparilla to Stump Pass	3	7
Big Pine	36	16
Little Pine	8	5
	73	66

50 sterile males per square mile per week

Area above Gasparilla Sound	41	26
Mainland and Estero	109	57
	150	83

Flight miles to and from Ft. Myers airport and other	73
Total flight miles	222
Approximate flight time	3hrs 20min.

Banibel Release Area 1983--Estimated area
and flight miles:

100 sterile males per square mile per week

Area	Square miles	Flight miles
Banibel	14	12
Buck Key	1	3
Captiva	2	6
Upper Captiva (Lower Lacosta)	2	4
Lacosta	4	7
Gasparilla	3	7
Gasparilla to Stump Pass	3	7
Big Pine	36	16
Little Pine	8	8
	73	68

50 sterile males per square mile per week

Area above Gasparilla Sound	41	26
Mainland and Estero	109	57
	150	83

Flight miles to and from Fort Myers airport
and other 73
Total flight miles 222
Approximate flight time 3hrs 20min.